0009

From:

"Oakley, Dennis" <dennis.oakley@pacificorp.com>

To:

"Chris Imbrogno - DEQ" <cimbrogno@utah.gov>, "DEQ- Mike Herkimer"

<mherkimer@utah.gov>, "Edith Van Vleet" <evanvleet@utah.gov>

Date:

1/27/04 10:40AM

Subject:

DMR Reports of December 2003

<<Deccov03.pdf>> <<Decdmr03.pdf>>

Dennis Oakley

Sr. Environmental Engineer

**Energy West Mining Company** 15 North Main Street Huntington, Utah 84528

Phone: 435.687.4825

Fax: 435.687.2695

e-mail: dennis.oakley@pacificorp.com

Opportunity is missed by most people because it is dressed in overalls, and

looks like work.

- Thomas

A. Edison -

CC: "Charles Semborski" <chuck.semborski@pacificorp.com>, "Dennis Oakley" <dennis.oakley@pacificorp.com>, "Douglas Johnson" <Douglas.Johnson@PacifiCorp.com>, "Kenneth Fleck" <ken.fleck@pacificorp.com>, "Pam Grubaugh-Littig" <pamgrubaughlittig@utah.gov>

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January 27, 2004

Department of Environmental Quality Division of Water Quality 288 North 1460 West P.O. Box 144870 Salt Lake City, UT 84114-4870

## Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of December, 2003. There were no exceedances to report for this reporting period. Please review the required parameter list on the DMR's to insure that they are being reported correctly. I will assume that there are no problems in the way we report our DMR's if there is no response from you. If you have any questions concerning this report, please feel free to call either Dennis Oakley at (435) 687-4825 or Chuck Semborski at (435) 687-4720.

Sincerely

Douglas E. Johnson

Manager of Administration and Technical Services

Encl

Ce: Division of Oil, Gas and Mining

Coal Regulatory Program 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

Chuck Semborski, with enclosures

Dennis Oakley, " Ken Fleck "

			Di	scharg	e Monitori	ng Report					
Name: PacifiCorp, Energy Address: P.O. Box 310	West Mining Con	npany						Sediment po	ond outfall into C	ottonwood Ck.	
Huntington, Utah Facility: Trail Mountain M			UI0023728 Permit Number	]	12/01/2003 Monitori	12/31/2003 ng Period	]		001A ge Number	]	No Discharge
Parameter		Quan	tity or Loading		Q	uantity or Conc	entration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****		1/30	Measrd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pН	Sample Measurement	******	******	****		******				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	******					1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******				1/30	Grab
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	******	0.5 Pail	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******	****	******	12/0	E			1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****		**	[55]		.4 Daily max	(19) mg/L		once/month	Grab
Oil and Grease	Sample Measurement	*****	NO	****	******	******				0	-
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	*******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	******				1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	******	*****	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Execu	tive Officer		law that I have personally exam rein; and based on my inquiry			Date:	01/27/20	004		Telephone	
Dee Jense - President Ir Mining Comp		immediately responsible f information is true, accura for submitting false infor	or obtaining the information te and complete I am aware tha mation, including the possibi	I believe the subs t there significant lity of fine and in	mitted penalties mprisonment.	Dugt	las Eph	9	435	687-	9821
Typed or Print			o \$10,000 and or maximum in		nalties under these et ween 6	Signature of Principal Executive Officer or Authorized Agent				Nu	mber
Comments and explanation of During storm discharge, san	of any violations		oil and grease is on	ly required	when sheen is obse	rved				ı	

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			Dı	scharg	e Monitori	ng Report					
Name: PacifiCom, Energy Address: P.O. Box 310 Huntington, Utal Trail Mountain	84528	npany	UI0023728 Permit Number	]	12/01/2003 Monitori	12/31/2003 ing Period	]	Dischar	002 ge Number	]	No Discharge
Parameter		Quan	tity or Loading		Q	uantity or Conc	entration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****		2/30	Measurd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	*****	****		twice/month	Estimated
рН	Sample Measurement	******	******	****		******				2/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	******					2/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	******	******				**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Dai	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	21	ie –			2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******			GE		.4 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease	Sample Measurement	******	NO	****	******	******				**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	*******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	******	******	****	******	******				2/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1200 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease. Visual	Sample Measurement	*****		(94)	******	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exec	cutive Officer		awthat I have personal ly exan	i ned and am fami		Date:	01/27/20	04		Telephone	
Dee Jense - President Mining Com		immediately responsible fi information is true, accura for submitting false infor	rein; and based on my inquiry or obtaining the information, te and complete I am aware that mation, including the possibi	I believe the subs there significant lity of fine and in	mitted penalties mprisonment.	Douge	las Ephr	yer	435	687-	-9821
Typed or Priz			1 and 33 USC paragraph 1319 o \$10,000 and or maximum in		nalties under these et ween 6					Number	
Comments and explanation						1			!	1	
Sample for oil and grease			ved								

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			D	ischar	ge Monitor	ing Repor	t				
Name: PacifiCorp, Energy	West Mining Com	npany				•					
Address: P.O. Box 310 Huntington, Utah Facility: Deer Creek Mine	84528		UI0023604 Permit Number		12/01/2003 Monitor	12/31/2003 ng Period	3	Dischar	001 ge Number		No Discharge
Parameter		Quan	ity or Loading		Q	uantity or Con	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.028	0.028		******	******	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pH	Sample Measurement	******	******	****	7.46	******	7.46		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	6	6	6		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******	N/A		***	**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******	****	*****	< 0.005	< 0.005		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	*****	******	****	*****	******	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	*****	528		*****	2243	2243		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) Ibs/day	*****	Report 30 day avg	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	*****	******	******	***	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Execu	ıtive Officer		aw that I have personally exar			Date:	01/27/20	004		Telephone	
Dee Jense - President I Mining Comp		immediately responsible t information is true, accura for submitting false infor	ermation submitted heroin; and based on my inquiry of those individuals actifately responsible for obtaining the information, I believes the submitted ermation is true; accurate and complete I amount that there significant penal ties submitting files: information, including the possibility of fine and imprisonment. ISUSC pragraph 100 and 33 USC pragraph 1319 ( Penal ties under these			Douglas Ephran			435	687-9821	
Typed or Print			o \$10,000 and or maximum is				Principal Executive Offi Authorized Agent	cer or	Area Code	Nun	ber
Comments and explanation Sample oil and grease only	of any violations:		s another reason to b	pelieve oil i	s present. Fill in N/.	A when a test is not	t performed.		!		

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			D	isc har	ge Monitoi	ring Report	t				
Name: PacifiCorp, Energy Address: P.O. Box 310	West Mining Cor	mpany						Deer Creek 1	Mine Discharge		
Huntington, Utal	84528		UT0023604		12/01/2003	12/31/2003			002	1	No Discharge
Facility: Deer Creek Mine	ge Number	]									
											_
Parameter		Quant	tity or Loading		Q	uantity or Cond	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.305	0.738		*****	*****	******	***	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
рН	Sample Measurement	******	******	****	7.28	*****	7.28		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	*****	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	******	****	*****	******	N/A		***	*****	****
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	*****	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	0.007	0.007		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	******	******	****	*****	******	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	******	******	****	*****	426.3	403		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	800 Qrtr avg	1000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	*****	*****	*****	***	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	*****	******	******	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		law that I have personally exa			Date:	01/27/20	004		Telephone	
Dee Jense - President Mining Com		immediately responsible f information is true, accura for submitting false infor	rein; and based on my inquir for obtaining the information at eard complete. I amaware the mation, including the possib	n, I believe the sub at there significan ility of fine and i	omitted nt penalties imprisonment.	Dong	las Eph	-	435	687-9	821
Typed or Prin			01 and 33 USC paragraph 131 to \$10,000 and or maximum i		nalties under these between 6		rincipal Executive Offi Authorized Agent	cer or	Area Code	Num	ber
						•					
Comments and explanation Sample oil and grease only	-		is another reason to	believe oil is	s present. Fill in N/	A when a test is not	performed.				
l											

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			D	ischarg	e Monitori	ng Report					
Name: PacifiCorp, Ener Address: P.O. Box 310 Huntington, Ut	gy West Mining Cor ah 84528	mpany	UI0022896	_ ٦	12/01/2003	12/31/2003	Minor		001	ו	No Discharge
Facility: Cottonwood/W			Permit Number			ng Period		Dischar	ge Number		Discharge
D		Quan	tity or Loading		0	uantity or Cond	centration				
Parameter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement	0.034	0.034		******	******	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	*****	*****	****		once/month	Measured
pН	Sample Measurement	******	******	****	7.15	******	7.15		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	******	< 0.005	Ĭ	0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1.8 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	209.9		******	*****	******	****	0	1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	*****	****		once/month	Grab
Oil and Grease	Sample Measurement	******	******	****	******	******	N/A		***	**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	*****	****	0	4/30	Visual
84066 0 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	*****	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Ex	ecutive Officer		law that I have personally exa erein; and based on my inquir			Date:	01/27/20	004		Telephone	
Dee Jense - Presiden Mining Cor		immediately responsible information is true, accur- for submitting false info	for obtaining the informatio ate and complete I am awareth rmation, including the possil	n,I believe the sub- nat there significant bility of fine and in	nitted penalties nprisonment.	Doug	las Eph	9	435	687-	9821
			01 and 33 USC paragraph 13 to \$10,000 and or maximum		nalties under these et ween 6		rincipal Executive Offi Authorized Agent	cer or	Area Code	Nu	mber
Typed or Pr Comments and explanation If oil and grease sheen is	on of any violations	3.		an 10 mg/L.			<b>e</b> - ·		ļ.	1	

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			Dis	scharge	e Monitorir	g Report					
	ergy West Mining C	Company		Ü			Minor				
Address: P.O. Box 310 Huntington, Uta Facility: Cottonwood/V			UT0022896 Permit Number	]	12/01/2003 Monitorir	12/31/2003 ng Period	}		003 ge Number	]	No Discharge
Parameter		Quant	tity or Loading		Qı	ıantity or Con	centration			г .	
1 11 11 11 11 11		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	******	****		1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
pН	Sample Measurement	*****	*****	****		*****				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****						1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day x	70 A P	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	ate.	cha				1/30	Grab
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	****	<b>O</b> *			0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	<b>U</b>	*****					1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	*****	*****	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	******	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	******	****		Weekly	Visual
Name/Title Principal Ex	ecutive Officer		of law that I have personal			Date:	01/27/20	04		Telephone	
Dee Jense - Preside Mining Com		immediately responsible information is true, according for submitting false info	herein; and based on my in e for obtaining the informa- curate and complete. I am formation, including the pos-	tion, I believe to aware that then sability of fine	the submitted e significant penalties and imprisonment. See	Dong	las Ephra	-	435	687	-9821
Typed or Pri	1 7		1 and 33 USC paragraph 1: 000 and or maximum impr				rincipal Executive Offic Authorized Agent	er or	Area Code	Nu	ımber
Comments and explana If oil and grease sheen	tion of any viola		en and this must be	e less than	10 mg/L						
Copied from EPA Form 3320	)-1 (Rev.3-99)		Revised 1-02							Page 3 of 6	

Name: PacifiCorp, Energy	West Marines Com		Dı	scharg	e Monitorii	ng Report	Minor				
Address: P.O. Box 310 Huntington, Utah Facility: Cottonwood/Wilbe	84528	ipairy	UT0022896 Permit Number	]	12/01/2003 Monitorin	12/31/2003 g Period	IVEROI	Dischaņ	004 ge Number	]	No Discharge
Parameter		Quan	tity or Loading		Qı	antity or Conc	entration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured
pН	Sample Measurement	******	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****			-40				
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	25 30 day at	35 DV 13	ily	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	**	<b>n</b> 15(	ساران					
01045 10 0 Effluent Gross Value	Permit Requirement	******	*****	U.	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	******	-		******	******	*****	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	******	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Execu	ıtive Officer		law that I have personally exame			Date:	01/27/200	)4		Telephone	
Dee Jense - President In Mining Comp		immediately responsible f information is true, accura for submitting false infor	for obtaining the information te and complete. I am aware tha mation, including the possibi and 33 USC paragraph 1319.	,I believe the subs t there significant lity of fine and in	mitted penalties	Dough	las Ephra		435	687-	9821
Typed or Print	ed		nd 33 USC paragraph 1319.( 00 and or maximum imprison				incipal Executive Office uthorized Agent	er or	Area Code	Nu	mber
Comments and explanation If oil and grease sheen is of	of any violations		this must be less than	n 10 mg/L.					•		

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			Dis	charge	Monitorin	g Report					
	rgy West Mining C	Company					Minor				
Address: P.O. Box 310 Huntington, Utal Facility: Cottonwood/V			UT0022896 Permit Number	]	12/01/2003 Monitorin	12/31/2003 ag Period	3	Dischar	005 ge Number	]	No Discharge
Parameter		Quant	ity or Loading		Qu	antity or Cond	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	******	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
pН	Sample Measurement	*****	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****	24	Δ				
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****		e <b>C</b> N	314	7 day max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	Ma		56r	*****	NR				
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	NO	****	******	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******						
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	******	*****	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	******	*****	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	******	*****	****			
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Tital Principal Exe	cutive Officer		of law that I have personal erein; and based on my in			Date:	01/27/200	)4		Telephone	
Dee Jense - Presider Mining Com		immediately responsible information is true, acc for submitting false info	e for obtaining the informa urate and complete. I am irmation, including the po	ation, I believe to aware that then sability of fine	the submitted e significant penalties and imprisonment. See	Dougl	las Ephra	~	435	687-	-9821
	,			USC pangraph 1319. ( Penalties under these stantes or maximum imprisonment of between 6 months  Signature of Principal Executive Officer or Authorized Agent			er or	Area Code	Nu	mber	
Typed or Prin Comments and explana						<u> </u>			l	1	
If oil and grease sheen i	-		n and this must be	e less than	10 mg/L						

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 Revised 1-02
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			Dis	scharge	Monitorin (	g Report					
	gy West Mining C	Company				-		Minor			
Address: P.O. Box 310	0.4520		1 FF0022007	_	12/01/2002	12/31/2003	1		ombination 002,	003, & 005	N. D. I
Huntington, Utal Facility: Cottonwood/V			UT0022896 Permit Number		12/01/2003 Monitoring		4		UM A ge Number		No Discharge
racinty. Cottonwood/v	viiderg wille		remit Number	1	Priorittoring	grenou	<u>.</u>	Dischar	ge ivumber	1	X
Parameter				Qu	antity or Conc	entration			Frequency of		
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Solids, Total Dissolved	Sample Measurement				*****	*****	*****				
70295 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
	Sample Measurement Permit										
	Requirement		N Fro			ne					
	Sample Measurement Permit				eli	912_	_				
	Requirement Sample				יייפונ	∩f	5				
	Measurement Permit		l N	ַ ע		e u	10				
	Requirement Sample		_		nN3:	<b>5</b>					
	Measurement Permit		-	·M	00-7						
	Requirement Sample		1								
	Measurement Permit										
	Requirement Sample										
	Measurement Permit										
	Requirement										
Name/Title Principal Exe	cutive Officer		of law that I have persona herein; and based on my it			Date:	01/27/20	04		Telephone	
Dee Jense - Presider Mining Com		Contract of the contract of th		the submitted e significant penalties and imprisonment. See	Dougl	las Ephra		435	687-	-9821	
Typed or Prin	ntad		0,000 and or maximum imp				ncipal Executive Offic nthorized Agent	er or	Area Code	Nu	mber
Comments and explana		ations:			l	1		<u> </u>	1	1	
Total discharge of TDS			shall not exceed 2,0	000 lbs/day	during drawdow	n.					

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N B GG E	W - M: - 6	,	Dis	scharg	e Monitoriı	ıg Report					
Name: PacifiCorp, Ener Address: P.O. Box 310 Huntington, Utah Des Bee Dove M	84528	ompany	UTG040022 Permit Number		12/01/2003 Monitorii	12/31/2003 ng Period	3		001 rge Number	]	No Discharge
Parameter		Quant	ity or Loading		Qı	ıantity or Con	centration				
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				******	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	******	*****	****		once/month	Estimated
pH	Sample Measurement	*****	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 da		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	nis	GHIM	<b>- - - - - - - - - -</b>		****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	****	O-	******	******	0.5 Daily max	(25) mL/L		once/month	Grab
fron, Total (as Fe)	Sample Measurement	*****	******	****	******	******			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	******	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	******	******	******	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	******	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exec	cutive Officer		of law that I have personal erein; and based on my in			Date:	01/27/20	04		Telephone	
Dee Jense - Presider Mining Comp		immediately responsible information is true, acc for submitting false info	e for obtaining the informa urate and complete. I am a armation, including the pos and 33 USC paragraph 13	tion, I believe to aware that then sibility of fine	the submitted e significant penalties and imprisonment. See	Dug	las Eph.	160-	435	687-	-9821
Typed or Prin			and 33 USC paragraph 13				incipal Executive Offic authorized Agent	er or	Area Code	Nu	mber
Comments and explanat Oil and grease not to exc	ion of any viol	ations:	. Settleable solids	shall be m	neasured during st	orm water discha	rge.			l	

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			Dis	scharg	e Monitorir	ig Report					
Name: PacifiCorp, Ener Address: P.O. Box 310	gy West Mining Co	ompany									
Huntington, Utah Facility: Hunter Coal Pr			UTG040009 Permit Number		12/01/2003 Monitorii	12/31/2003 ng Period	}	Discha	001 rge Number		No Discharge
Parameter		Ouant	ity or Loading		01	ıantity or Con	centration				
1 at attieter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				*****	******	******	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	******	******	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	******	ah?	arue	<u> </u>	****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	****		ديني	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	V	*****	******			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	******	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	******					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	*****	*****	*****	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	*****	*****	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer		of law that I have personal erein; and based on my inc			Date:	01/27/20	04		Telephone	
Dee Jense - President InterWest immediately responsible information is true, acc		d herein; and based on my inquiry of those individuals lible for obtaining the information, I believe the submitted accurate and complete. I am aware that there significant penalties information, including the possibility of fine and imprisonment. See		Doug	las Ephra	_	435	687-	9821		
Typed or Prin			and 33 USC paragraph 13				incipal Executive Offic authorized Agent	cer or	Area Code	Nu	mber
Comments and explanat Oil and grease not to ex	tion of any viola	tions:	. Settleable solids	shall be n	neasured during st	orm water discha	ırge.		I	<u>I</u>	

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			Dis	scharge	e Monitoriı	ıg Report					
Address: P.O. Box 310 Huntington, Utah		ompany	UTG040009	Ţ	09/01/2003	09/30/2003	]		002	1	No Discharge
Facility: Hunter Coal Pro	eparation Plant		Permit Number	1	Monitorii	ng Period		Discha	rge Number	_	X
Parameter		Quant	ity or Loading		Qı	ıantity or Con	centration			Б	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				******	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	******	****		once/month	Estimated
рН	Sample Measurement	*****	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day av	70	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	Ric	CH	4 mg/		****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****		Mis	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	******	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	******	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	******	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	******	*****	*****	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	******	*****	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		of law that I have personal erein; and based on my inc			Date:	01/27/20	04		Telephone	
Dee Jense - Presiden Mining Comp		immediately responsible information is true, acc for submitting false info	e for obtaining the information and complete. I am a mation, including the post and 33 USC paragraph 13	tion, I believe to aware that then sibility of fine	the submitted e significant penalties and imprisonment. See	Dug	las Ephra	-	435	687-	-9821
Typed or Prin			2000 and or maximum impr				incipal Executive Offic authorized Agent	er or	Area Code	Nu	mber
Comments and explanat Oil and grease not to exc	ion of any viola	tions:	. Settleable solids	shall be m	neasured during st	orm water discha	ırge.		1	1	

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